

JUMBO MINING CO.
6305 Fern Spring Cove
Austin, Texas 78730
(512) 346-4537

Sept. 9, 1991
File: DOH09991

Mr. Mark Novak
Dept. of Health
Division of Water Quality
288 North 1460 West
Salt Lake City, Utah 84116

RE: Preliminary Plan for Monitoring
and Containing the Contaminated
Perched Aquifer

Dear Mr. Novak:

As requested in your letter of August 16, 1991, Jumbo Mining is submitting a plan for monitoring and containment of the contaminated ground water at the Drum Mine site. Your letter dated June 24, 1991 suggested that a trench may be constructed in order to drain the aquifer. On July 12, 1991 Jumbo dug a backhoe cut next to monitoring hole MH 34 in order to determine the feasibility of a trench. The results were positive in that water drained into the backhoe cut suggesting that a larger trench would be possible to drain the aquifer.

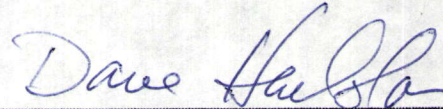
It is therefore planned that a larger trench be constructed to the southwest of the new heap area near monitoring hole MH-40. The initial design will be a trench 150 feet long, 12 feet wide at the bottom and approximately 20 feet deep. Water will be (1) allowed to drain into the trench, (2) sampled and analysed monthly and (3) pumped via pipeline into our solution ponds. The trench may be enlarged if the initial trench is a success. All data (e.g. water assays, gallons pumped, etc.) will be kept in a log book and the results sent to the Bureau of Water Quality on a quarterly basis.

Since this trench will disturb new ground, permits will have to be obtained from the BLM and DOGM. As soon as these permits are obtained, construction of the trench will commence.

Mr. Mark Novak
Page 2
Sept. 9, 1991

If you have any questions, please call me at (801) 864-4697 or
(801) 864-4365.

Sincerely,

A handwritten signature in blue ink, reading "Dave Hartshorn", written over a horizontal line.

Dave Hartshorn
Project Manager-Drum Mine